PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Patent of:	
MILLER et al.	REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT UNDER 37 C.F.R. SECTIONS 1.322(a) AND 1.323
Patent No.: 7,197,152 B2	
Issued: March 27, 2007	
Confirmation No.: 7053	
Atty. File No.: 45568-00210	
For: "FREQUENCY RESPONSE EQUALIZATION SYSTEM FOR HEARING AID MICROPHONES"	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir or Madam:

This is a request for a Certificate of Correction for PTO mistake under 37 C.F.R. 1.322(a). The errors in the patent are obvious typographical errors or omissions and the correct wording can be found in either the Amendment and Response dated May 8, 2006, at Page 2, line 8, and Page 4, lines 31-32. Attached is form PTO 1050 along with copies of documentation that unequivocally supports patentee's assertion(s).

This is also a request in relation to the above-identified U.S. Patent for issuance of a Certificate of Correction for Applicant's mistake. The errors in the patent are obvious typographical errors. Attached is form PTO 1050 and payment in the amount of $100.00 to cover the fee set forth in 37 C.F.R. Section 1.20(a). Please credit any over-payment or debit any underpayment to Deposit Account No. 50-1419.

Respectfully submitted,

MARSH FISCHMANN & BREYFOGLE LLP

By: _____

Russell T. Manning
Registration No. 51,206
3151 South Vaughn Way, #411
Aurora, Colorado 80014
Telephone: 720-406-0506
Facsimile: 720-406-0520

Date: April 17, 2007

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.: 7,197,152 B2
DATED: March 27, 2007
INVENTOR(S): MILLER et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10
Line 58, delete "chances" and insert therefore --changes--;
Line 58, after "the", insert --at--.

Column 12
Line 39, after "the", insert --previously determined frequency--.

MAILING ADDRESS OF SENDER:
Russell T. Manning
Registration No. 51,260
MARSH FISCHMANN & BREYFOGLE LLP
3151 South Vaughn Way, Suite 411
Aurora, Colorado 80014
Telephone: 720-406-0506
Facsimile: 720-406-0520

FORM PTO-1050

IN THE CLAIMS:

1. (Currently Amended) A hearing aid, comprising:

a transducer implantable within a patient to stimulate a component of an auditory system;

an implantable microphone to process acoustic sounds and generate frequency responses representative of the acoustic sounds; and

a signal processor to process at least one feedback frequency response from the microphone to:

identify changes between the least one feedback frequency response and a previously determined frequency response;

generate at least one test parameter based on said changes; and

use the at least one test parameter to change acoustic frequency responses of the microphone generated in response to acoustic sounds~~determine at least one operational characteristic of the microphone,~~; and

wherein the feedback frequency response is generated by the microphone in response to an acoustic feedback sound generated in conjunction with actuation of said transducer in response to at least one test signal.

2. (Previously Presented) The hearing aid of Claim 1 comprising:

a test signal generator to generate and provide the at least one test signal to the transducer, wherein the at least one test signal causes the transducer to stimulate the component of the auditory system and generate the acoustic feedback sound.

3. (Previously Presented) The hearing aid of Claim 2 wherein the signal processor is configured to generate and provide the at least one test signal to the transducer.

4. (Previously Presented) The hearing aid of Claim 3 wherein the at least one test signal is provided at a predetermined frequency to generate the acoustic feedback sound at a predetermined tone.

5. (Previously Presented) The hearing aid of Claim 3 wherein the at least one test signal is swept across a predetermined frequency range to generate the acoustic feedback sound at a plurality of predetermined tones.

6. (Original) The hearing aid of Claim 3 wherein the at least one test signal comprises: one of noise and pseudorandom noise.

7. (Original) The hearing aid of Claim 3 wherein the at least one test signal comprises: at least one chirp.

comparing the current frequency response to a previously determined frequency response of the microphone to identify differences in the frequency responses;

generating at least one test parameter representative of the ~~changes~~ differences in the frequency responses of the microphone; and

using the at least one test parameter to generate drive signals for a transducer that compensate for the ~~changes~~ differences in the frequency responses of the microphone.

16. (Currently Amended) The method of Claim 15 wherein the step of conducting the test session comprises the steps of:

generating and providing a test signal to a transducer;

driving the transducer with the test signal to generate acoustic feedback;

detecting the acoustic feedback in the microphone;

generating ~~a~~ the current feedback frequency response in the microphone; and

comparing the current feedback frequency response with the test signal to determine the at least one test parameter.

17. (Currently Amended) The method of Claim ~~13~~16 wherein ~~the step of~~ generating and providing the test signal comprises:

generating and providing the test signal at a predetermined frequency to generate the acoustic feedback sound at a predetermined tone.

18. (Currently Amended) The method of Claim ~~15~~ 16 wherein the step of generating and providing the test signal comprises:

generating and providing the test signal at a plurality of predetermined frequencies to generate the acoustic feedback sound at a plurality of predetermined tones.

19. (Currently Amended) The method of Claim ~~16~~ 15 further comprising: ~~wherein the step of generating the at least one test parameter comprises:~~

computing at least one delta frequency representative of a difference between the current feedback frequency response and ~~a calibration frequency response~~ the previously determined frequency response.

20. (Currently Amended) The method of Claim ~~18~~15 further comprising: ~~wherein the step of generating the at least one test parameter comprises:~~

computing at least one delta frequency representative of a difference between an average of a plurality of feedback frequency responses and the previously determined frequency response. ~~calibration frequency response.~~